

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A plasma-sterilization indicator, comprising:
at least one compound (A) selected from the group consisting of adsorption indicators and metal chelate-titration indicators;
at least one organic metal compound (B)_i and
a polyvalent alcohol (C)_i
wherein a product formed in a reaction between at least one compound (A) and the organic metal compound (B) discolors into a definitely different color in a particular pH range due to a pH change caused by a hydrogen peroxide and an oxidative force in plasma treatment.

2. (Previously Presented) The plasma sterilization indicator according to Claim 1, wherein the compound (A) is selected from the group consisting of hematoxylin, Mordant Blue 29, Eriochrome Black T, xlenol orange, and 1-(2-pyridylazo)-2-naphthol (PAN).

3. (Previously Presented) The plasma-sterilization indicator according to Claim 1, wherein the organic metal compound (B) is selected from the group consisting of aluminum chelate compounds, titanium chelate compounds, and zirconium chelate compounds.

4. - 6. (Canceled)

7. (Previously Presented) The plasma-sterilization indicator according to Claim 1, wherein the polyvalent alcohol (C) comprises at least one glycol selected from the group consisting of ethylene glycol, diethylene glycol, polyethylene glycol, propylene glycol, and dipropylene glycol.

8. - 9. (Canceled)

10. (Currently Amended) A sterilization packaging material capable of containing an article to be sterilized by plasma sterilization treatment, wherein at

least part thereof is made of a gas permeable paper or nonwoven fabric, and an indicator area of a plasma-sterilization indicator comprising at least one compound (A) selected from the group consisting of adsorption indicators and metal chelate-titration indicators, an organic metal compound (B), and a polyvalent alcohol (C) is formed thereon , wherein a product formed in a reaction between at least one compound (A) and the organic metal compound (B) discolors into a definitely different color in a particular pH range due to a pH change caused by hydrogen peroxide and an oxidative force in plasma treatment.

11. (Previously Presented) The sterilization packaging material according to Claim 10, wherein the compound (A) is selected from the group consisting of hematoxylin, Mordant Blue 29, Eriochrome Black T, xylenol orange, and 1-(2-pyridylazo)-2-naphthol (PAN).

12. (Previously Presented) The plasma sterilization indicator according to claim 1, wherein a content of the polyvalent alcohol (C) is in the range of 1.0% to 10.0% by weight.